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TITLE: Squeal noise-preventing device of vehicle

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PATENT-FAMILY:

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BASIC-ABSTRACT:

NOVELTY - A squeal noise-preventing device of a vehicle is provided to continuously suppress squeal noise of a brake system in spite of wear of a disk and a pad or vibration characteristics of the brake system.

DETAILED DESCRIPTION - A squeal noise-preventing device of a vehicle comprises a brake-working sensor(9) for sensing braking; a vehicle speed sensor(10) for

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sensing the braking conditions if squeal noise is generated; a hydraulic sensor(11); a temperature sensor(12); an electronic control unit(6), monitoring the squeal noise-generating conditions from the sensors and deciding squeal noise-generating condition if the same condition reappears; a hydraulic control unit(5) of ABS operating solenoid valves(4) installed on a brake oil line by a signal of the electronic control unit in case of squeal noise-generating condition; and the solenoid valve, transmitting and shutting off brake oil so that a discontinuous braking action is generated from brake assemblies(3) by the hydraulic control unit. Accordingly, squeal noise is prevented and unpleasantness of passengers by the squeal noise is prevented.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: SQUEAL NOISE PREVENT DEVICE VEHICLE

DERWENT-CLASS: Q18 X22

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